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**Duggan et al.**(10) **Pub. No.: US 2013/0082935 A1**(43) **Pub. Date: Apr. 4, 2013**(54) **DYNAMIC COMMAND PRESENTATION AND  
KEY CONFIGURATION FOR KEYBOARDS****Publication Classification**(51) **Int. Cl.****G06F 3/02** (2006.01)**G06F 3/048** (2006.01)(52) **U.S. Cl.**USPC ..... **345/172; 715/773**(75) Inventors: **Finbarr Duggan**, Bray (IE); **Seung Yang**, Woodinville, WA (US); **Gerrit Hofmeester**, Woodinville, WA (US); **Vasudha Chandrasekaran**, Mountain View, CA (US)(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)(21) Appl. No.: **13/249,258**(22) Filed: **Sep. 30, 2011**

(57)

**ABSTRACT**

Techniques involving selective modification of keyboard presentation and functionality. A commanding mode is selectively activated on a virtual keyboard. Activating the commanding mode attributes commands to respective individual keys of the virtual keyboard. Also in response to the commanding mode, indicia suggestive of the command is presented on those individual keys to which the commands were attributed. The commands can be executed in an application in response to selection of the respective individual keys when in commanding mode.

